

Converting Colors

Hex(8B16E2)

Have a look what the booklet for
Hex(8B16E2) contains.

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Color

Hex(8B16E2)

Conversions

Conversions Part 1

Format	Color
Hex	8B16E2
RGB	139, 22, 226
RGB Percent	55%, 9%, 89%
CMY	0.4549, 0.9137, 0.1137
CMYK	0.38, 0.90, 0.00, 0.11
HSL	274°, 82%, 49%
HSV	274°, 90%, 89%
XYZ	24.6618, 11.5538, 72.8818
YIQ	80.2390, 4.2480, 88.2480

Conversions

Conversions Part 2

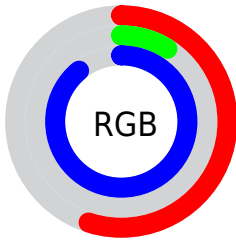
Format	Color
RYB	139, 22, 226
Decimal	9115362
CIELab	40.50, 75.38, -77.54
CIELCh	40, 108.144, 314.191
Yxy	11.5538, 0.2261, 0.1059
Android (android.graphics.Color)	4287305442 (0xFF8B16E2)
YUV	80.2390, 71.8602, 51.5334
Hunter-Lab	33.9908, 70.0256, -103.3336

Details

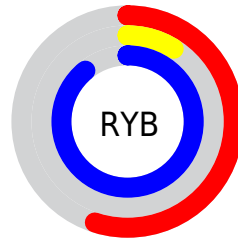
The Hex color **8B16E2** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **6DE216**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C759FF**, and **4D00A9** is the 20% darker color. If you saturate the color by 10%, you get **8200E2**, and if you desaturate by 10%, it is **952DE2**.

Distribution



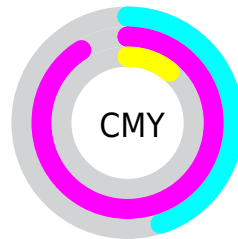
- Red (55%)
- Green (9%)
- Blue (89%)



- Red (55%)
- Yellow (9%)
- Blue (89%)



- Cyan (38%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B16E2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8B16E2 by changing the saturation by 10% instead.

 8B16E2

 8B16E2

FFFFFF

 6D00C5

 C759FF

 4D00A9

 E676FF

 29008E

 FF92FF

 000073

 FFAFFF

 000059

 FFC0FF

 000741

 FFE9FF

 00032A

 000114

 000000

■ 8B16E2

■ 8B16E2

■ 8200E2

■ 952DE2

■ 9E43E2

■ A85AE2

■ B270E2

■ BB87E2

■ C59EE2

■ CEB4E2

■ D8CBE2

■ E2E1E2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0061FF



8B16E2



DC0092

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8B16E2



9A4900



007E89

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8B16E2



6DE216

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007B2A



8B16E2



4D6900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8B16E2



D10000



007600



007FDD

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8B16E2



EC0058



007600



007D6A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8B16E2



E2BAFF



166EE2



6E5780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8B16E2



9200FF



E216D4



6B6570



6500B0



1C0030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E2166D



FF006D



16E224



70656A



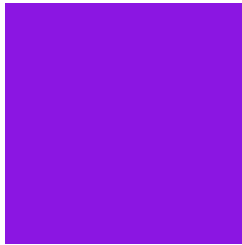
B0004B



300015

Previews

White Background



This preview shows how the Hex color 8B16E2 looks on a white background.

Color Contrast Check

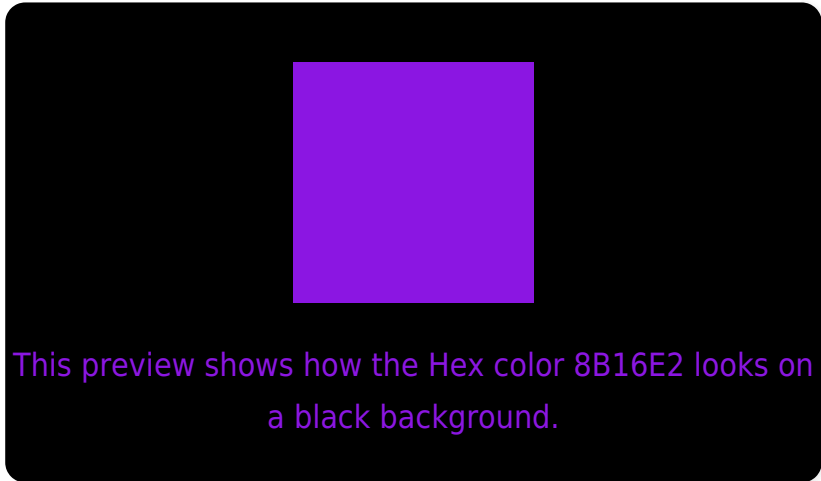
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8B16E2 Background



This preview shows how black text looks on a background with the Hex color 8B16E2.

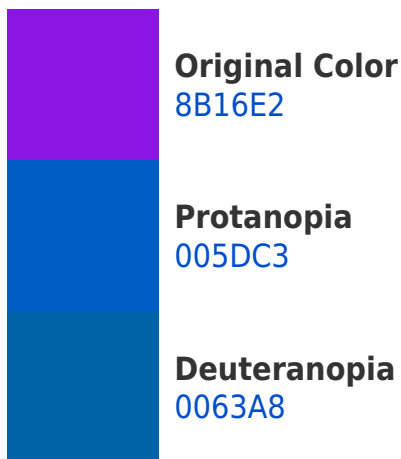



This preview shows how white text looks on a background with the Hex color 8B16E2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
715A61

Trichromacy



Original Color
8B16E2



Protanomaly
3343CE



Deuteranomaly
3347BD



Tritanomaly
7A4190

Monochromacy



Original Color
8B16E2



Achromatopsia
505050



Achromatomaly
653B85

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B16E2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8B16E2 looks like.

```
.text, #text, p{  
    color:#8B16E2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8B16E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B16E2
}
```

Border

The CSS property to change the border of an element to Hex 8B16E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

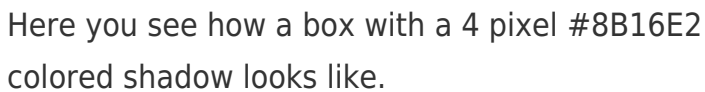
```
.border, #border, table{ border:4px solid
#8B16E2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8B16E2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8B16E2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B16E2; -webkit-box-shadow:4px 4px  
4px 4px #8B16E2; box-shadow:4px 4px 4px  
4px #8B16E2 }
```

Background

The CSS property to change the background color of an element to Hex 8B16E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B16E2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8B16E2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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